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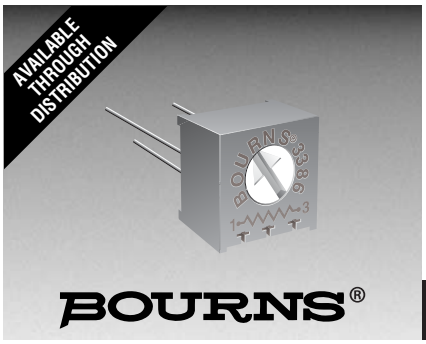
Jameco Part Number 241429




## Features

- Single Turn / Cermet / Industrial / Sealed
- Available on tape and reel
- Available with a knob for finger adjust
- Available with extended shaft
- Available with cross-slot rotor
- Top and side adjust types (F, P, H, W, X most popular)
- High voltage types available (see Model 3386 HV2/3386 HV3 for details)

# 3386 - 3/8 " Square Trimming Potentiometer

### Electrical Characteristics

Standard Resistance Range .....10 to 2 megohms (see standard resistance table)
Resistance Tolerance .....±10 % std. (tighter tolerance available)
Absolute Minimum Resistance .....2 ohms max.
Contact Resistance Variation .....2 % or 3 ohms max. (whichever is greater)
Adjustability
Voltage .....±0.05 %
Resistance .....±0.15 %
Resolution.....Infinite
Insulation Resistance .....500 vdc. 1,000 megohms min.
Dielectric Strength
Sea Level .....900 vac
70,000 Feet .....350 vac
Adjustment Angle .....280 ° nom.

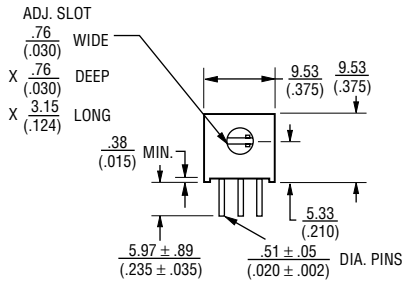
### Environmental Characteristics

Power Rating (300 volts max.)
85 °C.....0.5 watt
125 °C.....0 watt
Temperature Range .....-55 °C to +125 °C
Temperature Coefficient .....±100 ppm/°C
Seal Test .....85 °C Fluorinert*
Humidity.....MIL-STD-202 Method 103 96 hours (2 % ΔTR, 10 Megohms min.)
Vibration.....30 G (1 % ΔTR; 1 % ΔVR)
Shock.....100 G (1 % ΔTR; 1 % ΔVR)
Load Life .....1,000 hours 0.5 watt @ 70 °C (3 % ΔTR; 1 % or 1 ohm, whichever is greater, CRV)
Rotational Life.....200 cycles (4 % ΔTR; 1 % or 1 ohm, whichever is greater, CRV)

### Physical Characteristics

Mechanical Angle .....310 ° nom.
Torque .....5.0 oz-in. max.
Stop Strength .....15.0 oz -in. min.
Terminals .....Solderable pins
Weight .....0.03 oz.
Marking .....Manufacturer's trademark, resistance code, wiring diagram, date code, manufacturer's model number and style
Flammability.....U.L. 94V-0
Standard Packaging .....50 pcs. per tube
Wiper.....50 % ±10 %
Adjustment Tool .....H-90

**Common Dimensions**
**Side Adjust**

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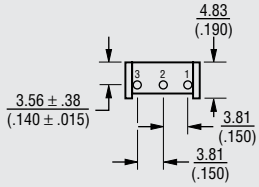


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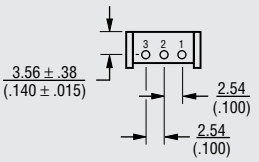


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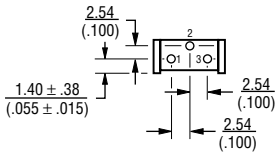


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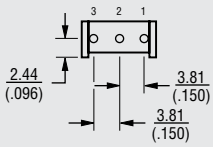


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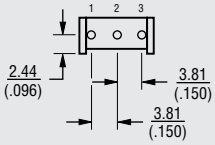


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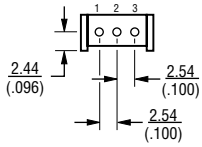


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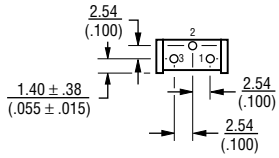


### Standard Resistance Table

| Resistance (Ohms) | Resistance Code |
|---|---|
| **10** | **100** |
| **20** | **200** |
| **50** | **500** |
| **100** | **101** |
| **200** | **201** |
| **500** | **501** |
| **1,000** | **102** |
| **2,000** | **202** |
| **5,000** | **502** |
| **10,000** | **103** |
| **20,000** | **203** |
| **25,000** | **253** |
| **50,000** | **503** |
| **100,000** | **104** |
| **200,000** | **204** |
| **250,000** | **254** |
| **500,000** | **504** |
| **1,000,000** | **105** |
| **2,000,000** | **205** |

Popular distribution resistance values listed in boldface. Special resistances available.

### How To Order

**3386 P - 1 - 103 T**

Model
Style
Standard or Modified Product Indicator
-1 = Standard Product
-EY5 = Extended Shaft
Resistance Code
Optional Suffix Letter
T = Knob

Consult factory for other available options.

TOLERANCES: ± 0.25 (.010) EXCEPT WHERE NOTED

DIMENSIONS ARE: MM / (INCHES)

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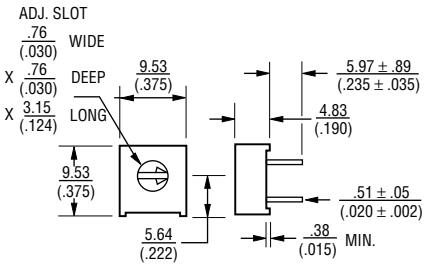
Specifications are subject to change without notice.
Customers should verify actual device performance in their specific applications.

# 3386 - 3/8 ” Square Trimming Potentiometer

BOURNS®

**Common Dimensions**
**Top Adjust**

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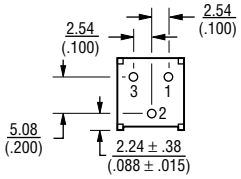


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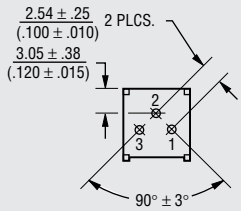


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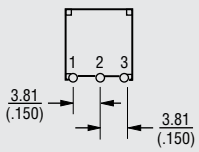


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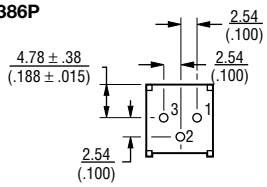


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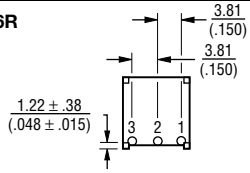


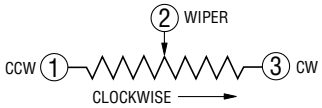


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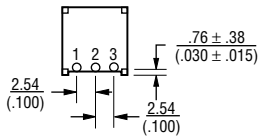


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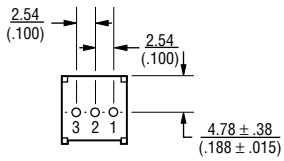


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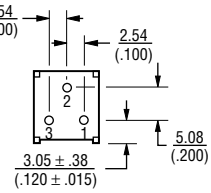


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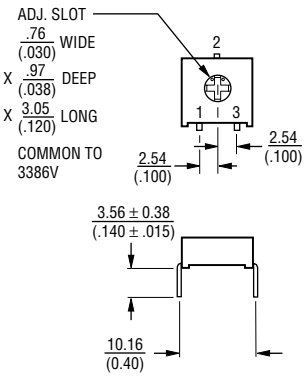


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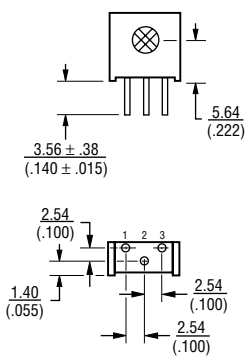
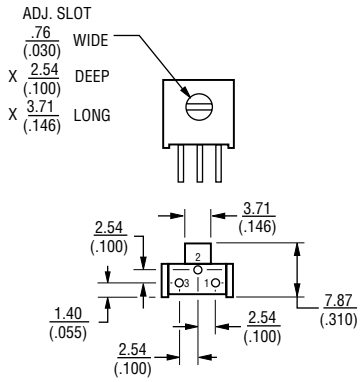



**3386H-EY5**
**3386X-EY5 – SHOWN**

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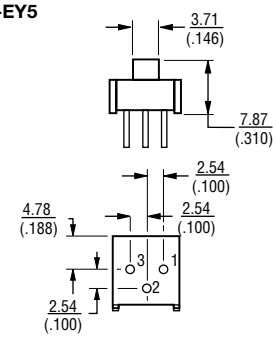
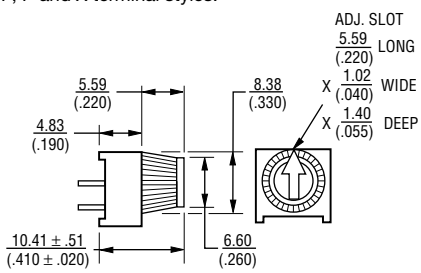



The Model 3386 is available with a knob for finger adjustment. Add suffix letter "T" to order code for F, P and X terminal styles.

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